SEPT6 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	SEPT6, Lysate
Full Product Name	Human SEPT6 Protein Lysate
Product Gene Name	SEPT6 lysate
Product Synonym Names	SEPT6; SEP2; SEPT2
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	50kDa
OMIM	300683
3D Structure	ModBase 3D Structure for Q14141
Related Product Information for SEPT6 lysate	Human 44080 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of SEPT6 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SEPT6 purchase	MBS136622 is a lysate targeting SEPT6. Also known as Human SEPT6 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SEPT6. It may not necessarily be applicable to this product.

NCBI GI #	21361478
NCBI GeneID	23157
NCBI Accession #	NP_055944
UniProt Primary Accession #	Q14141
UniProt Related Accession #	Q14141
GenBank Nucleotide #	NM_015129
NCBI Official Full Name	septin-6 isoform B
NCBI Official Synonym Full Names	septin 6
NCBI Official Symbol	SEPT6
NCBI Official Synonym Symbols	SEP2; SEPT2
UniProt Protein Name	Septin-6
UniProt Gene Name	SEPT6
UniProt Synonym Gene Names	KIAA0128; SEP2

UniProt Entry Name	SEPT6_HUMAN
NCBI Protein Information	septin-6
NCBI Summary for SEPT6	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for SEPT6	SEPT6: Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Involved in cytokinesis. May play a role in HCV RNA replication. Belongs to the septin family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Hydrolase; Cytoskeletal Chromosomal Location of Human Ortholog: Xq24 Cellular Component: synaptic vesicle; spindle; midbody; nerve terminal; cleavage furrow Molecular Function: protein binding; GTP binding Biological Process: viral reproduction; cytokinesis
Research Articles on SEPT6	**1.** Results demonstrate that in stored platelets, septine-2 and septin-6 mRNAs have miR- 223 target sites, septin-2 and septin-6 are in complex with Ago-2. The results demonstrate that like in nucleated cells, enucleated platelets also have microRNA-based mechanisms for the regulation of their septins.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/lysate/sept6/136622